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Group Art Unit: 1746

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)
2. (Currently Amended) The method according to claim ~~1~~ 24, wherein the pre-rinse operation ~~step~~ is accomplished initially without heating ~~up the rinsing-rinse liquid and is repeated and/or extended where necessary with a heating-up operation.~~
- 3-7. (Canceled)
8. (Currently Amended) The method according to claim ~~7~~ 28, wherein the ~~soiling analysis, determination of the length of time required for turbidity of the rinse liquid to stop increasing, the and/or turbidity values, and difference values in the pre-rinse operation is repeated at least once with the new or partially supplemented~~ a change in and heating of the rinse rinsing liquid, with heating of the rinsing liquid.
- 9-23. (Canceled)
24. (New) A method of cleaning dishes in a dishwasher in accordance with a programmed wash cycle implemented by a central control unit and comprising a rinse step where a rinse liquid is recirculated in the dishwasher and a cleaning step where a wash liquid is recirculated in the dishwasher, the dishwasher comprising an upper spraying apparatus defining an upper spray plane and a lower spraying apparatus defining a lower spray plane, the method comprising:
 - determining the degree of soiling of the rinse liquid by determining turbidity values corresponding to the recirculation of wash liquid in the lower spray plane and the upper spray plane, respectively; and
 - setting at least one operating parameter of the cleaning step based on the determined degree of soiling.

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25. (New) The method according to claim 24, wherein the determination of the degree of soiling occurs during a pre-rinse step.
26. (New) The method according to claim 25, wherein the pre-rinse step comprises a portion of the rinse step.
27. (New) The method according to claim 24, wherein the setting of the at least one operation parameter comprises setting at least one of a) a number of rinse steps to be performed, b) a duration of a rinse step, c) a water temperature of a rinse step, d) a duration of the cleaning step, e) a time at which dosing the wash liquid with a cleaning agent occurs, f) draining and refilling of the rinse liquid, g) draining of the wash liquid, and h) a drying time.
28. (New) The method according to claim 24, wherein determining the degree of soiling further comprises determining a difference value corresponding to the difference between the turbidity values.
29. (New) The method according to claim 28, wherein the determining of the turbidity values corresponds to the turbidity when the turbidity is no longer increasing upon the recirculation of wash liquid in the lower spray plane and the upper spray plane, respectively.
30. (New) The method according to claim 29, wherein the determining of the turbidity values comprises alternately recirculating wash liquid in lower spray plane and the upper spray plane.
31. (New) The method according to claim 30, wherein the determining of the turbidity values comprises alternately recirculating wash liquid in the lower and upper spray planes until the turbidity stops increasing for both of the lower and upper spray planes.
32. (New) The method according to claim 31, and further comprising determining of a length of time for the turbidity to stop increasing for both the lower and upper spray planes.
33. (New) The method according to claim 32, and further comprising determining a maximum turbidity.

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34. (New) The method according to claim 33, wherein the setting of the at least one operating parameter is based on the difference value, length of time for the turbidity to stop increasing, and the maximum turbidity.

35. (New) The method according to claim 34, wherein the setting of the at least one operating parameter comprises setting the duration of the rinse step, water temperature of the rinse step, and additional water for the rinse step.

36. (New) The method according to claim 35, wherein the difference value is derived continuously from the turbidity values of the lower and upper spray planes.

37. (New) The method according to claim 24, wherein the turbidity is obtained from a turbidity sensor.

38. (New) The method according to claim 24, wherein the wash liquid is categorized based on the determined degree of soiling and the setting of the at least one operation parameter is based on the categorization.

39. (New) The method according to claim 38, wherein the setting of the at least one operation parameter comprises setting at least one of a) a number of rinse steps to be performed, b) a duration of a rinse step, c) a water temperature of a rinse step, d) a duration of the cleaning step, e) a time at which dosing the wash liquid with a cleaning agent occurs, f) draining and refilling of the rinse liquid, g) draining of the wash liquid, and h) a drying time.